

FIG. 1
(PRIOR ART)

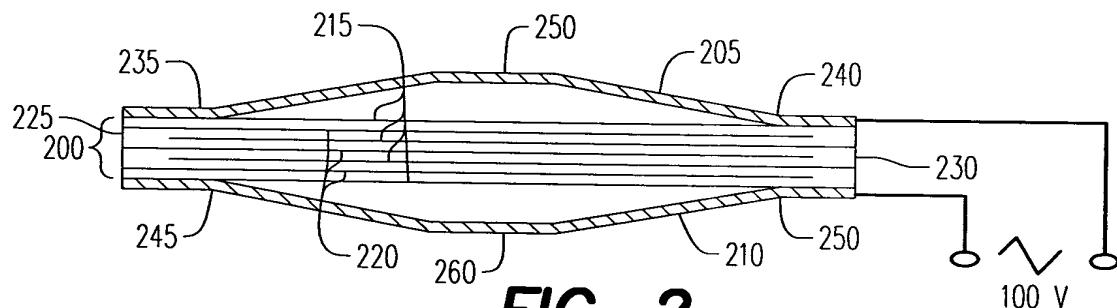


FIG. 2
(PRIOR ART)

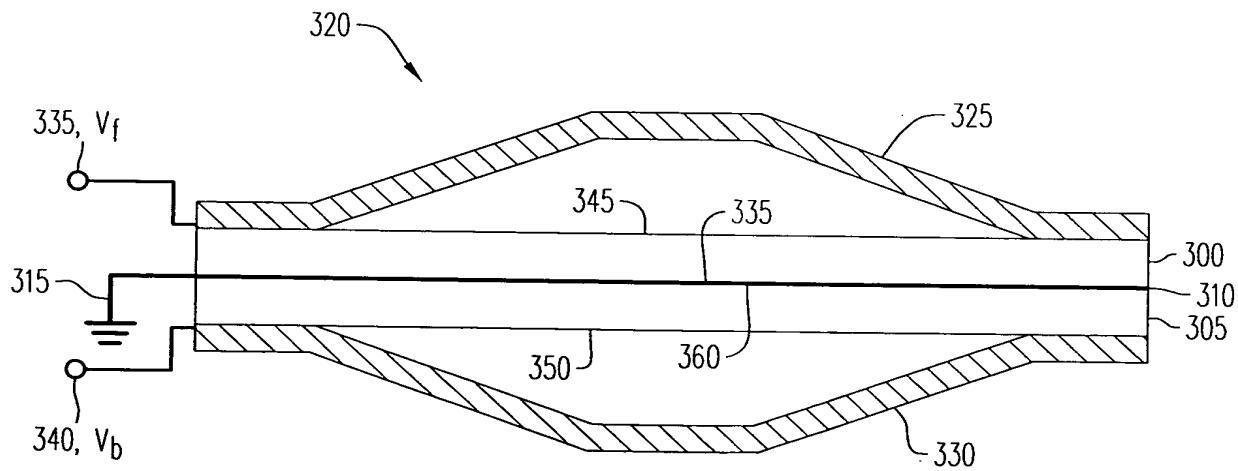
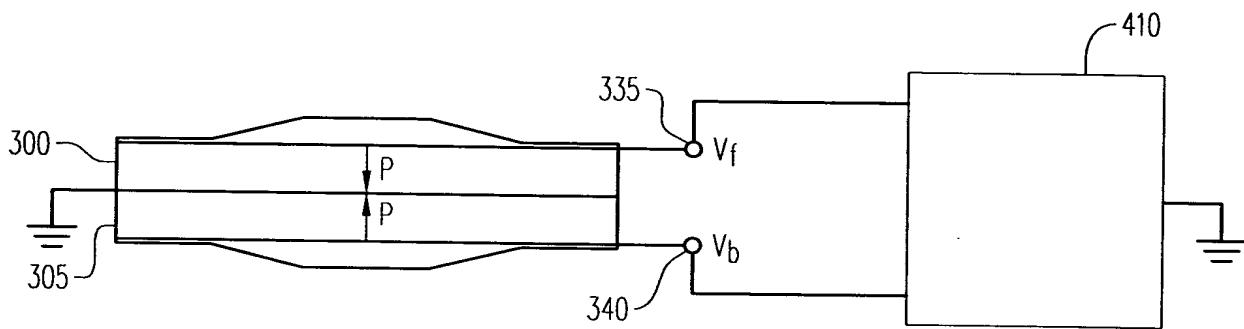
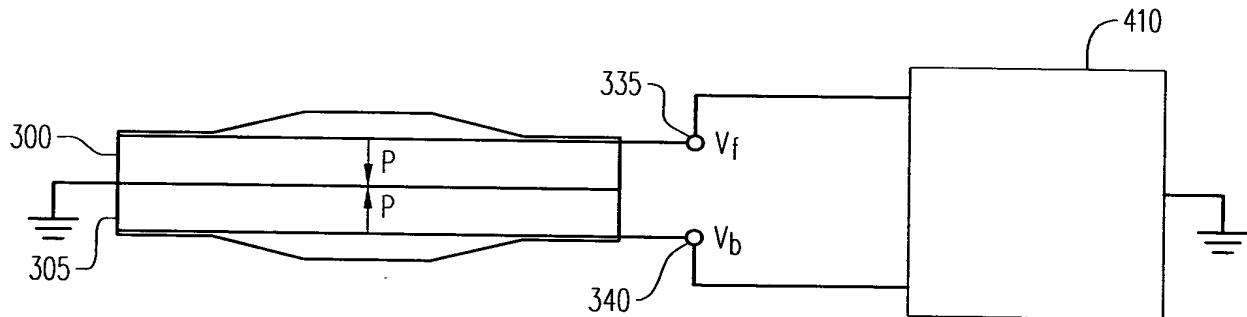


FIG. 3



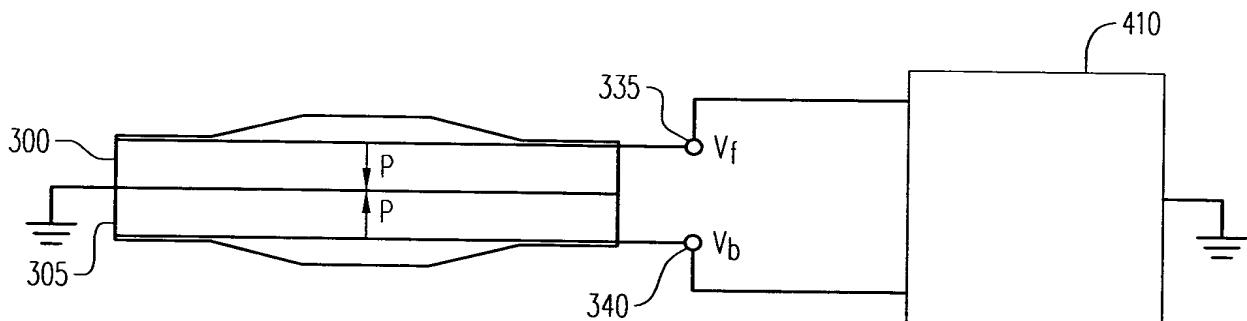
MONPOLE. (IN PHASE. SAME AMPLITUDE), $V_b = V_f = V_m$, $\varphi = 0$

FIG. 4A



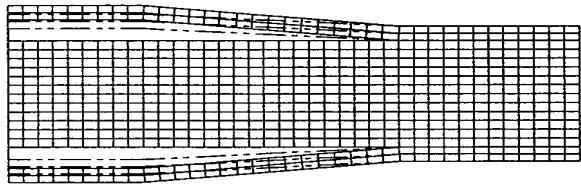
DIPOLE. (OUT OF PHASE. SAME AMPLITUDE), $V_b = -V_d$, $V_f = V_d$, $\varphi = \pi$

FIG. 4B



CARDIOID. $V_b / V_f = (1-R)/(1+R)$, WHERE $R = TVR_m / TVR_d$, $0 < \varphi < \pi$

FIG. 4C



MONPOLE MODE

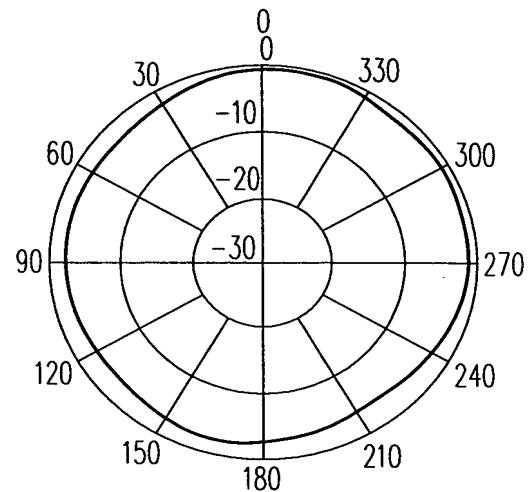
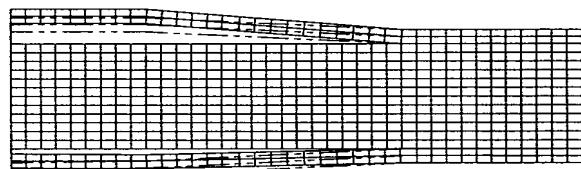


FIG. 5A



DIPOLE MODE

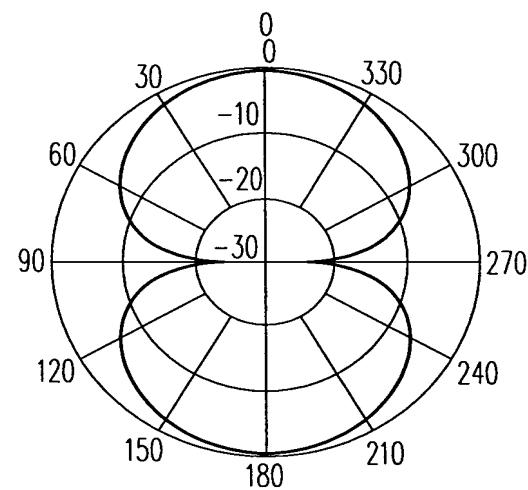
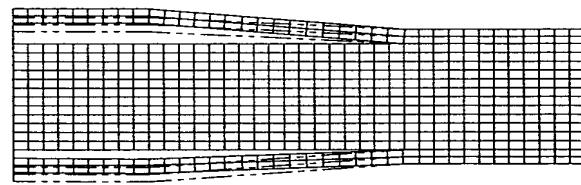


FIG. 5B



CARDIOID MODE. $V_b / V_f = (1-R)/(1+R)$, WHERE $R = TVR_m / TVR_d$

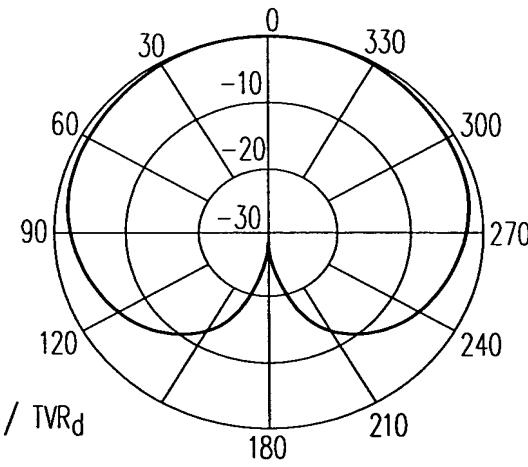


FIG. 5C

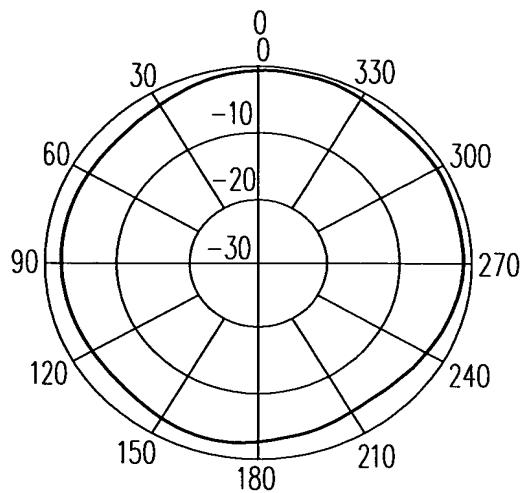


FIG. 6A

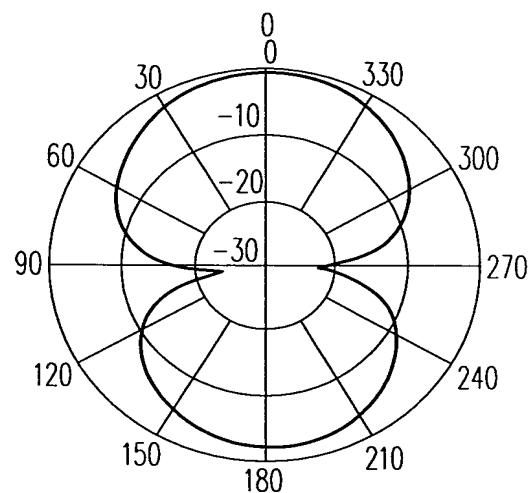


FIG. 6B

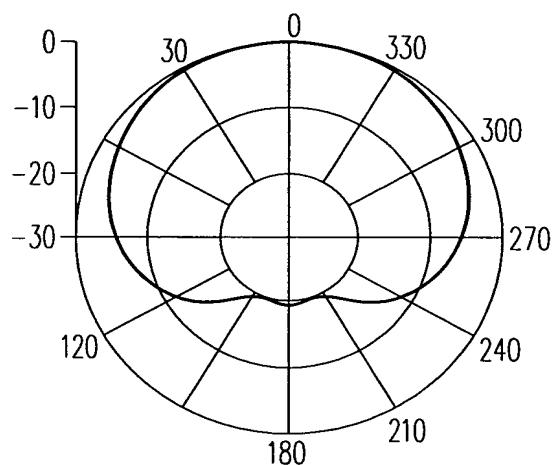


FIG. 7A

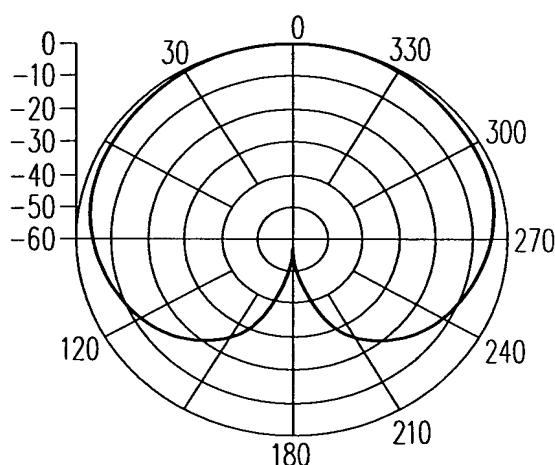
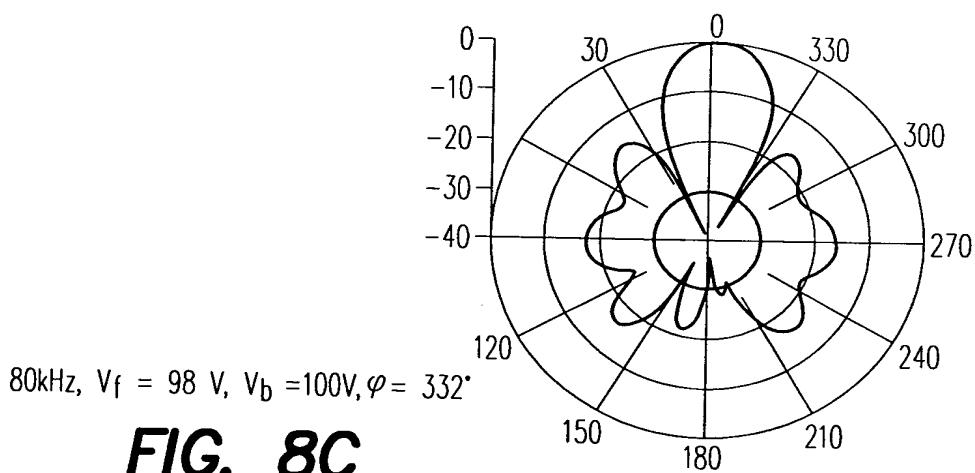
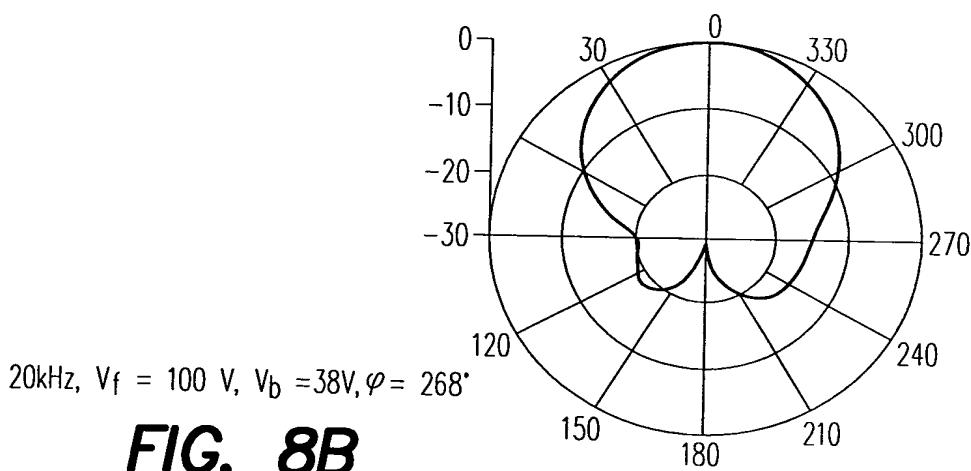
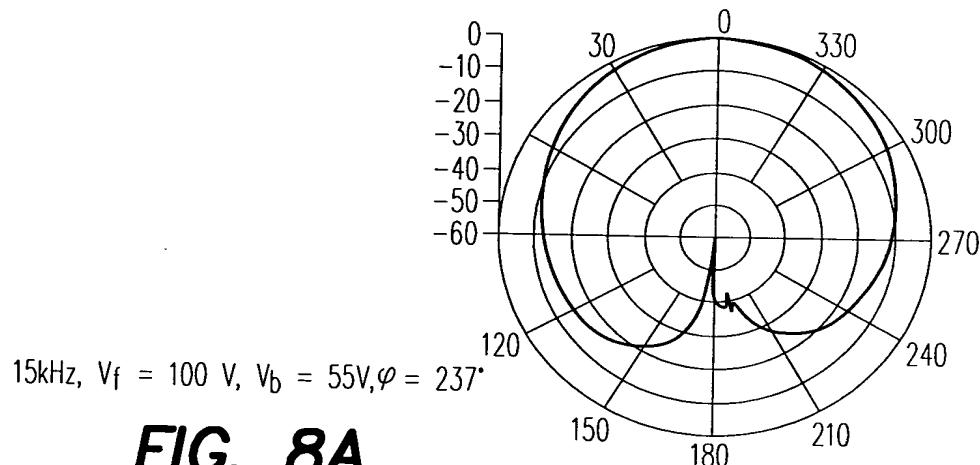


FIG. 7B



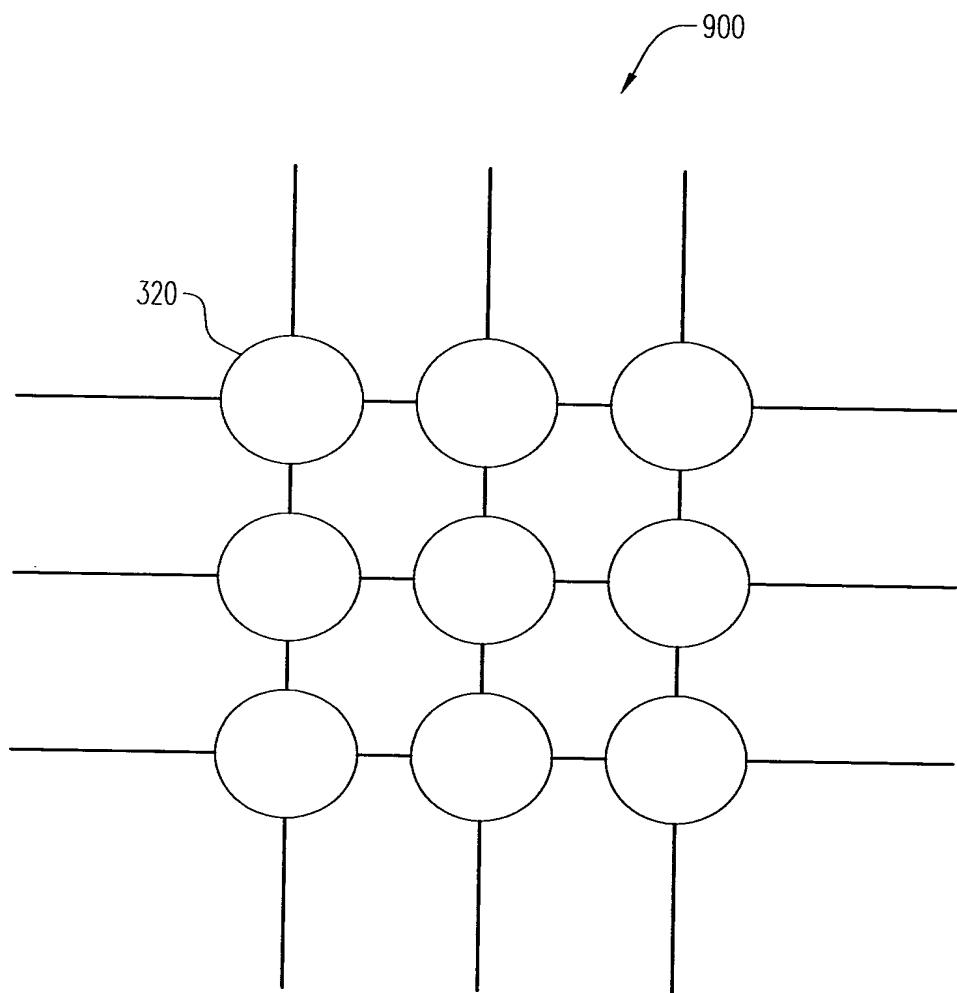


FIG. 9